

<b>Interview Summary</b>	<b>Application No.</b>	<b>Applicant(s)</b>	
	09/478,156	BAYIATES, EDWARD L	
	<b>Examiner</b>	<b>Art Unit</b>	
	Cam Y T. Truong	2162	

All participants (applicant, applicant's representative, PTO personnel):

- (1) Cam Y T. Truong. (3)\_\_\_\_\_.
- (2) Anne E. Saturnelli (Attorney). (4)\_\_\_\_\_.

Date of Interview: 28 November 2005.

Type: a) ☒ Telephonic b) ☐ Video Conference  
c) ☐ Personal [copy given to: 1) ☐ applicant 2) ☐ applicant's representative]

Exhibit shown or demonstration conducted: d) ☐ Yes e) ☐ No.  
If Yes, brief description: \_\_\_\_\_.

Claim(s) discussed: 1-8,12-19,25-27,50,52-88 and 91-93.

Identification of prior art discussed: \_\_\_\_\_.

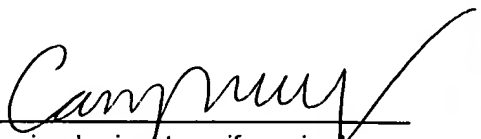
Agreement with respect to the claims f) ☒ was reached. g) ☐ was not reached. h) ☐ N/A.

Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: See Continuation Sheet.

(A fuller description, if necessary, and a copy of the amendments which the examiner agreed would render the claims allowable, if available, must be attached. Also, where no copy of the amendments that would render the claims allowable is available, a summary thereof must be attached.)

THE FORMAL WRITTEN REPLY TO THE LAST OFFICE ACTION MUST INCLUDE THE SUBSTANCE OF THE INTERVIEW. (See MPEP Section 713.04). If a reply to the last Office action has already been filed, APPLICANT IS GIVEN A NON-EXTENDABLE PERIOD OF THE LONGER OF ONE MONTH OR THIRTY DAYS FROM THIS INTERVIEW DATE, OR THE MAILING DATE OF THIS INTERVIEW SUMMARY FORM, WHICHEVER IS LATER, TO FILE A STATEMENT OF THE SUBSTANCE OF THE INTERVIEW. See Summary of Record of Interview requirements on reverse side or on attached sheet.

Examiner Note: You must sign this form unless it is an Attachment to a signed Office action.

  
Examiner's signature, if required

## Summary of Record of Interview Requirements

### Manual of Patent Examining Procedure (MPEP), Section 713.04, Substance of Interview Must be Made of Record

A complete written statement as to the substance of any face-to-face, video conference, or telephone interview with regard to an application must be made of record in the application whether or not an agreement with the examiner was reached at the interview.

### Title 37 Code of Federal Regulations (CFR) § 1.133 Interviews

#### Paragraph (b)

In every instance where reconsideration is requested in view of an interview with an examiner, a complete written statement of the reasons presented at the interview as warranting favorable action must be filed by the applicant. An interview does not remove the necessity for reply to Office action as specified in §§ 1.111, 1.135. (35 U.S.C. 132)

#### 37 CFR §1.2 Business to be transacted in writing.

All business with the Patent or Trademark Office should be transacted in writing. The personal attendance of applicants or their attorneys or agents at the Patent and Trademark Office is unnecessary. The action of the Patent and Trademark Office will be based exclusively on the written record in the Office. No attention will be paid to any alleged oral promise, stipulation, or understanding in relation to which there is disagreement or doubt.

The action of the Patent and Trademark Office cannot be based exclusively on the written record in the Office if that record is itself incomplete through the failure to record the substance of interviews.

It is the responsibility of the applicant or the attorney or agent to make the substance of an interview of record in the application file, unless the examiner indicates he or she will do so. It is the examiner's responsibility to see that such a record is made and to correct material inaccuracies which bear directly on the question of patentability.

Examiners must complete an Interview Summary Form for each interview held where a matter of substance has been discussed during the interview by checking the appropriate boxes and filling in the blanks. Discussions regarding only procedural matters, directed solely to restriction requirements for which interview recordation is otherwise provided for in Section 812.01 of the Manual of Patent Examining Procedure, or pointing out typographical errors or unreadable script in Office actions or the like, are excluded from the interview recordation procedures below. Where the substance of an interview is completely recorded in an Examiners Amendment, no separate Interview Summary Record is required.

The Interview Summary Form shall be given an appropriate Paper No., placed in the right hand portion of the file, and listed on the "Contents" section of the file wrapper. In a personal interview, a duplicate of the Form is given to the applicant (or attorney or agent) at the conclusion of the interview. In the case of a telephone or video-conference interview, the copy is mailed to the applicant's correspondence address either with or prior to the next official communication. If additional correspondence from the examiner is not likely before an allowance or if other circumstances dictate, the Form should be mailed promptly after the interview rather than with the next official communication.

The Form provides for recordation of the following information:

- Application Number (Series Code and Serial Number)
- Name of applicant
- Name of examiner
- Date of interview
- Type of interview (telephonic, video-conference, or personal)
- Name of participant(s) (applicant, attorney or agent, examiner, other PTO personnel, etc.)
- An indication whether or not an exhibit was shown or a demonstration conducted
- An identification of the specific prior art discussed
- An indication whether an agreement was reached and if so, a description of the general nature of the agreement (may be by attachment of a copy of amendments or claims agreed as being allowable). Note: Agreement as to allowability is tentative and does not restrict further action by the examiner to the contrary.
- The signature of the examiner who conducted the interview (if Form is not an attachment to a signed Office action)

It is desirable that the examiner orally remind the applicant of his or her obligation to record the substance of the interview of each case. It should be noted, however, that the Interview Summary Form will not normally be considered a complete and proper recordation of the interview unless it includes, or is supplemented by the applicant or the examiner to include, all of the applicable items required below concerning the substance of the interview.

A complete and proper recordation of the substance of any interview should include at least the following applicable items:

- 1) A brief description of the nature of any exhibit shown or any demonstration conducted,
- 2) an identification of the claims discussed,
- 3) an identification of the specific prior art discussed,
- 4) an identification of the principal proposed amendments of a substantive nature discussed, unless these are already described on the Interview Summary Form completed by the Examiner,
- 5) a brief identification of the general thrust of the principal arguments presented to the examiner,  
(The identification of arguments need not be lengthy or elaborate. A verbatim or highly detailed description of the arguments is not required. The identification of the arguments is sufficient if the general nature or thrust of the principal arguments made to the examiner can be understood in the context of the application file. Of course, the applicant may desire to emphasize and fully describe those arguments which he or she feels were or might be persuasive to the examiner.)
- 6) a general indication of any other pertinent matters discussed, and
- 7) if appropriate, the general results or outcome of the interview unless already described in the Interview Summary Form completed by the examiner.

Examiners are expected to carefully review the applicant's record of the substance of an interview. If the record is not complete and accurate, the examiner will give the applicant an extendable one month time period to correct the record.

### Examiner to Check for Accuracy

If the claims are allowable for other reasons of record, the examiner should send a letter setting forth the examiner's version of the statement attributed to him or her. If the record is complete and accurate, the examiner should place the indication, "Interview Record OK" on the paper recording the substance of the interview along with the date and the examiner's initials.

Continuation of Substance of Interview including description of the general nature of what was agreed to if an agreement was reached, or any other comments: A telephone call was made to applicant's representative about a potential amendment for allowance. Applicant representative agreed on Examiner's proposal and authorization has been given for an examiner's amendment following:

1. (Currently Amended) A computer implemented method for producing a visual form of data comprising:  
receiving data representing the visual form of data, the data received comprising content data and format data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format;  
receiving data indicating a location of selected data;  
forming an extraction instruction based on location data identifying the location of selected data;  
analyzing said visual form of data using a template and identifying at least some of the content data in accordance with said template after applying said format data to said content data to produce said visual form of data, said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, said template including said extraction instruction used in identifying a location of a string included in said content data, said location of the string being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction;  
extracting a tag value for at least one tag identified in said template; and  
storing the identified at least some of content data.

16. (Currently Amended) The method of claim 15 wherein storing the identified at least some of content data further includes storing the identified at least some of content data in association with the data representing a corresponding one of a plurality of visual forms of data.

17. (Currently Amended) Computer readable media containing a computer program to produce a visual form of data, comprising instructions for:  
receiving data representing the visual form of data, the data received comprising content data and format data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format;  
receiving data indicating a location of selected data;  
forming an extraction instruction based on location data identifying the location of selected data;  
analyzing said visual form of data using a template and identifying at least some of the content data in accordance with said template after applying said format data to said content data to produce said visual form of data, said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, said template including said extraction instruction used in identifying a location of a string included in said content data, said location of the string being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction;  
extracting a tag value for at least one tag identified in said template; and  
storing the identified content data as at least one tag value.

18. (Currently Amended) Computer system for producing a visual form of data comprising:  
an input port receives data representing the visual form of data, the data received comprising content data and format data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format, said input port receiving data indicating a location of selected data;  
a processor forms an extraction instruction based on location data identifying the location of selected data, analyzes said visual form of data using a template and identifies at least some of the content data in accordance with said template after applying said format data to said content data to produce said visual form of data, wherein said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, wherein said template including said extraction instruction used in identifying a location of a string included in said content data, said location of the string being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction, said processor extracting a

tag value for at least one tag identified in said template; and  
a storage media stores the identified the at least some of content data as at least one tag value.

19. (Currently Amended) A method computer implemented for processing a visual form of data comprising:  
transmitting a computer program comprising instructions for:  
receiving data representing a visual form of data, the data received comprising content data and format data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format;  
receiving data indicating a location of selected data;  
forming an extraction instruction based on location data identifying the location of selected data;  
analyzing said visual form of data using a template and identifying at least some of the content data in accordance with said template after applying said format data to said content data to produce said visual form of data, said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, said template including said extraction instruction used in identifying a location of a string included in said content data, said location of the string being represented using the coordinate system and corresponding to the location of string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction;  
extracting a tag value for at least one tag identified in said template; and  
storing the identified at least some of content data in a database.

25. (Currently Amended) A computer implemented method for producing a visual form of data comprising:  
receiving data representing a visual form of data, the data received comprising content data and format data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format;  
receiving data indicating a location of selected data;  
forming an extraction instruction based on location data identifying the location of selected data;  
analyzing said visual form of data using a template and identifying at least some of the content data in accordance with said template after applying said format data to said content data to produce said visual form of data, said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, said template including said extraction instruction used in identifying a location of a string included in said content data, said location of the string being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction;  
extracting a tag value for at least one tag identified in said template to search or retrieve the visual form of data; and  
initiating performance of an action based on results of said identifying of at least some of the content data.

26. (Currently Amended) Computer readable media containing a computer program includes instructions for producing a visual form of data, comprising:  
receiving data representing the visual form of data, the data received comprising content data and format data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format;  
receiving data indicating a location of selected data;  
forming an extraction instruction based on location data identifying the location of selected data;  
analyzing said visual form of data using a template and identifying at least some of the content data in accordance with said template after applying said format data to said content data to produce said visual form of data, said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, said template including said extraction instruction used in identifying a location of a string included in said content data, said location of said string being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction;  
extracting a tag value for at least one tag identified in said template; and  
initiating performance of an action based on results of said identifying at least some of the content data.

27. (Currently Amended) Computer system for producing a visual form of data comprising:  
an input port receives data representing the visual form of data, the data received comprising content data and format

data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, wherein said visual form of data corresponding to one of a print format or a display format, said input port receives data indicating a location of selected data; a processor forms an extraction instruction based on location data identifying the location of selected data, analyzes said visual form of data using a template, and identifies at least some of the content data in accordance with said template after applying said format data to said content data to produce said visual form of data, said processor initiates performance of an action based on results of said identification of at least some of the content data, where said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, where said template including said extraction instruction used in identifying a location of a string included in said content data, said location being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, wherein said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction, and said processor extracts a tag value for at least one tag identified in said template.

50. (Currently Amended) A method computer implemented for processing a visual form of data comprising:  
receiving data representing the visual form of data, the data received comprising content data and format data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format;  
receiving data indicating a location of selected data;  
forming an extraction instruction based on location data identifying the location of selected data;  
analyzing said visual form of data using a template and identifying at least some of the content data in accordance with said template having an extraction instruction after applying said format data to said content data to produce said visual form of data, said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, said template including said extraction instruction used in identifying a location of a string included in said content data, said location of the string being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction;  
extracting a tag value for at least one tag identified in said template; and  
storing the identified at least some of content data as at least one tag value.

58. (Currently Amended) The method of claim 57, wherein storing the identified at least some of content data further includes storing the identified at least some of content data in association with the data representing a corresponding one of a plurality of visual forms of data.

67. (Currently Amended) A method computer implemented for processing a visual form of data comprising:  
receiving data representing the visual form of data, the data received comprising content data and format data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format;  
receiving data indicating a location of selected data;  
forming an extraction instruction based on location data identifying the location of selected data;  
applying a template to the visual form of data;  
analyzing said visual form of data using said template and identifying a portion of the content data in accordance with said template after applying said format data to said content data to produce said visual form of data, said template including extraction instructions indicating how to extract content data from the visual form of data, said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, said template including said extraction instruction used in identifying a location of a string included in said content data, said location being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction; and  
extracting, in accordance with at least one extraction instruction in said template, a tag value for at least one tag identified in said template.

78. (Currently Amended) The method of claim 77, wherein storing the identified at least some of content data further includes storing the identified at least some of content data in association with the data representing a corresponding one of a plurality of visual forms of data.

87. (Currently Amended) A system for processing a visual form of data comprising:  
a data receiver receives data representing the visual form of data, the received data comprising content data and format data indicating a manner in which the content data is to be visually displayed, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format, said data receiver receiving data indicating a location of selected data, an extraction instruction formed based on location data identifying the location of selected data;  
a template runner applies a template to said visual form of the data and analyzes said visual form of data using said template and identifies a portion of the content data used in generating at least one tag value after applying said format data to said content data to produce said visual form of data, said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, said template including said extraction instruction used in identifying a location of a string included in said content data, said location of the string being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction, a tag value being extracted for at least one tag identified in said template;  
and  
a database in which said template is stored.

92. (Currently Amended) A computer program product stored in a storage medium and used to processing a visual form of data comprising:

a machine executable code receives data representing the visual form of data, the data received comprising content data and format data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format;

a machine executable code receives data indicating a location of selected data;

a machine executable code forms an extraction instruction based on location data identifying the location of selected data;

machine executable code analyzes said visual form of data using a template and identifies at least some of the content data in accordance with said template having an extraction instruction after applying said format data to said content data to produce said visual form of data, said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, said template including said extraction instruction used in identifying a location of a string included in said content data, said location of the string being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction;

a machine executable code extracts a tag value for at least one tag identified in said template; and

a machine executable code stores the identified at least some of content data in a database.

93. (Currently Amended) A computer program product stored in a storage medium and used to produce a virtual form of data in a computer system comprising:

a machine executable code receives data representing the visual form of data, the data received comprising content data and format data indicating a manner in which the content data is to be visually represented, wherein said format data is applied to said content data to produce said visual form of data, said visual form of data corresponding to one of a print format or a display format;

a machine executable code receives data indicating a location of selected data;

machine executable code that forms an extraction instruction based on location data identifying the location of selected data;

a machine executable code applies a template to the visual form of data;

machine executable code analyzes said visual form of data using said template and identifies a portion of the content data in accordance with said template, said template including extraction instructions indicating how to extract content data from the visual form of data after applying said format data to said content data to produce said visual form of data, said visual form of data being characterized by a plurality of dimensions represented using a coordinate system, said template including said extraction instruction used in identifying a location of a string included in said content data, said location of the string being represented using the coordinate system and corresponding to the location of the string as represented in the visual form of data, said extraction instruction including information with respect to a reference marker and a direction in one of the plurality of dimensions where identifying at least some of the content data includes searching in the direction for identifying at least some of the content data in the direction;

a machine executable code extracts a tag value for at least one tag identified in said template; and

a machine executable code stores the identified at least some of content data as at least one tag value.